



SEQUENCE LISTING

<110> Korneluk, Robert G
MacKenzie, Alexander E
Liston, Peter
Baird, Stephen
Tsang, Benjamin K
Pratt, Christine

<120> DETECTION AND MODULATION OF IAPS AND
NAIP FOR THE DIAGNOSIS AND TREATMENT OF PROLIFERATIVE
DISEASE

<130> 07891/009004

<140> US 09/974,592

<141> 2001-10-09

<150> US 09/617,053

<151> 2000-07-14

<150> US 08/800,929

<151> 1997-02-13

<160> 17

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 46

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> (1)...(46)

<223> Xaa at 2, 3, 4, 5, 6, 7, 9, 10, 11, 17, 18, 19,
20, 21, 23, 25, 30, 31, 32, 34, 35, 38, 39, 40,
41, 42, and 45 can be any amino acid; Xaa at 8 can
be Glu or Asp; Xaa at 14 and 22 can be Val or Ile.

<223> Based on consensus from Homo sapiens and Mus
musculus

<400> 1

Glu	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Lys	Xaa	Cys	Met
1				5					10					15	
Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Phe	Xaa	Pro	Cys	Gly	His	Xaa	Xaa	Xaa
			20					25					30		
Cys	Xaa	Xaa	Cys	Ala	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Pro	Xaa	Cys		
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<211> 68

<212> PRT

<213> Artificial Sequence

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 47, 49, 50, 51, 53, 54, 55, 56, 57, 59, 60, 61,
 62, 64 and 66 can be any amino acid; Xaa at 13, 16
 and 17 can be any amino acid or absent.

<223> Based on consensus from Homo sapiens and Mus
 musculus

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 1 5 10 15
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 20 25 30
 Xaa Asp Xaa Val Xaa Cys Phe Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Trp
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Arg Ala Gly Phe Leu Tyr Thr Gly Glu Gly Asp Thr Val Arg Cys Phe
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Ser Cys His Ala Ala Val Asp Arg Trp Gln Tyr Gly Asp Ser Ala Val
65 70 75 80
Gly Arg His Arg Lys Val Ser Pro Asn Cys Arg Phe Ile Asn Gly Phe
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Tyr Leu Glu Asn Ser Ala Thr Gln Ser Thr Asn Ser Gly Ile Gln Asn
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Gln Val Val Asp Ile Ser Asp Thr Ile Tyr Pro Arg Asn Pro Ala Met
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 <213> Mus musculus

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 Tyr Tyr Val Asp Arg Asn Asp Asp Val Lys Cys Phe Cys Cys Asp Gly
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 Gly Leu Arg Cys Trp Glu Pro Gly Asp Asp Pro Trp Ile Glu His Ala
 305 310 315 320
 Lys Trp Phe Pro Arg Cys Glu Phe Leu Ile Arg Met Lys Gly Gln Glu
 325 330 335
 Phe Val Asp Glu Ile Gln Ala Arg Tyr Pro His Leu Leu Glu Gln Leu
 340 345 350
 Leu Ser Thr Ser Asp Thr Pro Gly Glu Glu Asn Ala Asp Pro Thr Glu
 355 360 365
 Thr Val Val His Phe Gly Pro Gly Glu Ser Ser Lys Asp Val Val Met
 370 375 380
 Met Ser Thr Pro Val Val Lys Ala Ala Leu Glu Met Gly Phe Ser Arg
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 Ser Leu Val Arg Gln Thr Val Gln Arg Gln Ile Leu Ala Thr Gly Glu
 405 410 415
 Asn Tyr Arg Thr Val Asn Asp Ile Val Ser Val Leu Leu Asn Ala Glu

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Ser	Gly	Asp	Leu	Ser	Leu	Ile	Arg	Lys	Asn	Arg	Met	Ala	Leu	Phe	Gln
	450		455		460										
Gln	Leu	Thr	His	Val	Leu	Pro	Ile	Leu	Asp	Asn	Leu	Leu	Glu	Ala	Ser
465			470		475										480
Val	Ile	Thr	Lys	Gln	Glu	His	Asp	Ile	Ile	Arg	Gln	Lys	Thr	Gln	Ile
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Pro	Leu	Gln	Ala	Arg	Glu	Leu	Ile	Asp	Thr	Val	Leu	Val	Lys	Gly	Asn
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Ala	Ala	Ala	Asn	Ile	Phe	Lys	Asn	Ser	Leu	Lys	Glu	Ile	Asp	Ser	Thr
	515		520		525										
Leu	Tyr	Glu	Asn	Leu	Phe	Val	Glu	Lys	Asn	Met	Lys	Tyr	Ile	Pro	Thr
	530		535		540										
Glu	Asp	Val	Ser	Gly	Leu	Ser	Leu	Glu	Glu	Gln	Leu	Arg	Arg	Leu	Gln
545			550		555										560
Glu	Glu	Arg	Thr	Cys	Lys	Val	Cys	Met	Asp	Arg	Glu	Val	Ser	Ile	Val
	565		570		575										
Phe	Ile	Pro	Cys	Gly	His	Leu	Val	Val	Cys	Gln	Glu	Cys	Ala	Pro	Ser
	580		585		590										
Leu	Arg	Lys	Cys	Pro	Ile	Cys	Arg	Gly	Thr	Ile	Lys	Gly	Thr	Val	Arg
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Thr	Phe	Leu	Ser												
	610														

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